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(72) Inventors; and

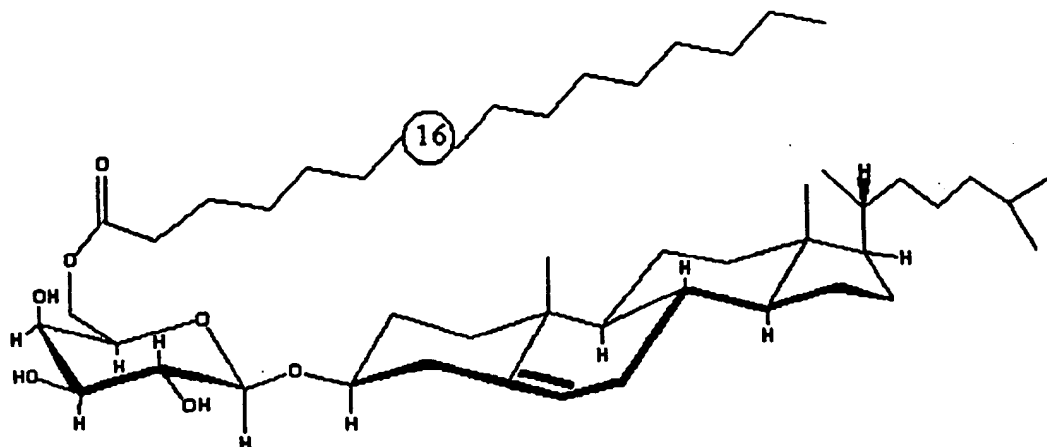
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Declaration under Rule 4.17:

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[Continued on next page]

(54) Title: CHOLESTEROL-CONTAINING COMPOUNDS AND THEIR USE AS IMMUNOGENS AGAINST *BORRELIA BURGDORFERI*



(57) Abstract: Unique compounds that can be used for inducing an immune response to *Borrelia burgdorferi* in a subject by administering a therapeutically effective amount of the glycolipid to the subject. Such administration is particularly useful for preventing or treating Lyme disease in a subject. The compound(s), and therapeutically acceptable salts thereof, may be formulated into pharmaceutical or immunogenic compositions.

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	GIL BEN-MENACHEM ET AL.: "A newly discovered cholesteryl galactoside from <i>Borrelia burgdorferi</i> " PNAS, vol. 100, no. 13, 2003, pages 7913-7918, XP002300283 the whole document	1-31
P,X	N.W.J. SCHRÖDER ET AL.: "Acylated Cholesteryl Galactoside as a Novel Immunogenic Motif in <i>Borrelia burgdorferi</i> Ssensu Stricto" J.BIOL.CHEM., vol. 278, no. 36, 2003, pages 33645-33653, XP002300284 the whole document	1-31
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☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Information on patent family members

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